

Assessment of diagnostic ability of auditory version of MCMI in illiterate and low literate patients with borderline personality disorder in 2018

Abstract:

Background & Objective: Borderline personality disorder (BPD) is the most common personality disorder in clinical settings. It is a disabling and chronic psychiatric disorder, that has a prevalence of 2.7 to 5.9 in the general population. The disorder imposes a lot of cost to the healthcare system. Identifying and diagnosing BPD is one of the most controversial topics in psychiatry. This study was conducted to help identify low-literate and illiterate persons with borderline personality who can not use pencil- paper diagnostic tools.

Methods: 60 individuals with borderline personality disorder and 60 normal people with less than 3rd grade education were selected from individuals referred to the psychiatric clinic of Fatemi Hospital in Ardebil. People studied were first evaluated by SCID-II and then by auditory MCMI-III by psychiatrist. The results of both tests were analyzed statistically by SPSS software. The diagnostic power of the auditory MCMI-III test was compared with the SCID-II test with using statistical methods.

Result: In this study 120 people were studied. Sex distribution was 50.8% male and 49.2% female. The average age was 24/99. The distribution of the subjects according to the level of education was 13.33% illiterate and 86.66% had elementary education. In this study, the specificity, sensitivity, total power, negative predictive power, positive predictive power of auditory MCMI-III were calculated 92, 59, 75, 66, 90%, respectively. In the present study, the correlation coefficient between auditory MCMI-III and SCID-II and internal consistency or Cronbach alpha was calculated 19.6% and 82%, respectively.

Conclusion: According to the values obtained for the ability to differentiate, specificity, sensitivity, internal consistency, and compare it with other valid MCMI-III versions and the SCID-II test and the global correlation for these values, the auditory MCMI test is a valid test, and it can be used to identify people with low literacy and illiteracy personality disorder.

Key words: Borderline personality disorder, low literacy, illiteracy, auditory MCMI-III test, SCID-II test